

Transistorised Bass Mid Treble Board List of Parts

No.	Description	References	Value	Quantity Per PCB
1	Unpolarized capacitor	C3 C4	100nf	2
2	Unpolarized capacitor	C11 C12	10nf	2
3	Unpolarized capacitor	C9 C10 C13 C14	1nf	4
4	Unpolarized capacitor	C17 C18	220pf	2
5	Unpolarized capacitor	C7 C8	47nf	2
6	Polarized capacitor	C1 C2	1000uf	2
7	Polarized capacitor	C21 C22	10uf	2
8	Polarized capacitor	C5 C6 C15 C16	1uf	4
9	Polarized capacitor	C19 C20	220uf	2
10	1N4007	D1 D2 D3 D4	1N4007	4
11	Screw Terminal 3 Pole	J1	15 0 15 VAC	1
12	Screw Terminal 3 Pole	J2	L G R in	1
13	Screw Terminal 3 Pole	J3	L G R out	1
14	BC546 547 548 549 550	Q1 Q2 Q3 Q4 Q7 Q8	BC547	6
15	BC556 557 558 559 560	Q5 Q6	BC557	2
16	Resistor 0Ω / Wire Jumper	R37 R39 R40 R41 R42 R43	0Ω / Wire Jumper	6
17	Resistor 1/4 watt	R31 R33	100	2
18	Resistor 1/4 watt	R17 R18	100k	2
19	Resistor 1/4 watt	R1 R3 R19 R20 R32 R34	10k	6
20	Resistor 1/4 watt	R2 R4	10k	2
21	Resistor 1/4 watt	R15 R16 R27 R28	1k	4
22	Resistor 1/4 watt	R21 R22	220	2
23	Resistor 1/4 watt	R8 R10	22k	2
24	Resistor 1/4 watt	R5 R6 R7 R9 R23 R24	22k	6
25	Resistor 1/4 watt	R11 R12 R13 R14	2k2	4
26	Resistor 1/4 watt	R29 R30	33k	2
27	Resistor 1/4 watt	R25 R26	47	2
28	Resistor 1/4 watt	R35 R36	4k7	2
29	Dual pot Volume	RV4	10K / 22K	1
30	Dual pot Bass, Mid, Treble	RV1 RV2 RV3	100K	3

Instructions

Use good quality Soldering Iron and Solder wire. after soldering components, please check for solder overflow / dry / Shorted solder joints or the Circuit will not work properly

Before powering on for the first time check for any short circuits between power supply, ground input and output with Multimeter.

Apply power without any output and input signal connected.

If there is no Bang or Smoke and nothing is getting too hot or burning, Eureka.

Now connect the input / output and power on, there should be no humming or Noise. if humming or noise is audible, recheck with circuit diagram.

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